

IN THE CLAIMS:

Please cancel claims 2, 3, 14 and 19-44 without prejudice to subsequent revival. Please amend claims 1, 4-11, and 13 as follows.

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1. (twice amended) A method for reducing a condition associated with fetal alcohol syndrome in a subject who is exposed to alcohol *in utero*, the method comprising administering to the subject an ADNF polypeptide in an amount sufficient to reduce the condition associated with fetal alcohol syndrome, wherein the ADNF polypeptide is a member selected from the group consisting of:

- (a) an ADNF I polypeptide having the following amino acid sequence:
 $(R^1)_x\text{-Ser-Ala-Leu-Leu-Arg-Ser-Ile-Pro-Ala-}(R^2)_y$ (SEQ ID NO:3);
(b) an ADNF III polypeptide having the following amino acid sequence:
 $(R^3)_w\text{-Asn-Ala-Pro-Val-Ser-Ile-Pro-Gln-}(R^4)_z$ (SEQ ID NO:4);
(c) a mixture of the ADNF I polypeptide of part (a) and the ADNF III polypeptide of part (b);

wherein R^1 , R^2 , R^3 , and R^4 are independently selected and are an amino acid sequence comprising from 1 to about 40 amino acids wherein each amino acid is independently selected; and

x, y, w, and z are independently selected and are equal to zero or one.

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4. (Once amended) The method of claim 1, wherein for the ADNF I polypeptide x and y are both zero.

5. (Once amended) The method of claim 1, wherein for the ADNF I polypeptide:

x is one;

R¹ is Val-Leu-Gly-Gly-Gly (SEQ ID NO:5); and

y is zero.

6. (Once amended) The method of claim 1, wherein for the ADNF I polypeptide:

x is one;

R¹ is Val-Glu-Glu-Gly-Ile-Val-Leu-Gly-Gly-Gly (SEQ ID NO:6);

and

y is zero.

7. (Once amended) The method of claim 1, wherein for the ADNF III polypeptide w and z are both zero.

8. (Once amended) The method of claim 1, wherein for the ADNF III polypeptide:

w is one;

R³ is Gly-Gly; and

z is zero.

9. (Once amended) The method of claim 1, wherein for the ADNF III polypeptide:

w is one;

R³ is Leu-Gly-Gly;

z is one; and

R⁴ is Gln-Ser.

10. (Once amended) The method of claim 1, wherein for the ADNF III polypeptide:

w is one;

R³ is Leu-Gly-Leu-Gly-Gly (SEQ ID NO:7);

z is one; and

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